Advanced GeoEnvironmental, Inc.

17 June 2005
AGE-NC Project No. 03-1101

Mr. Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, California 95482

Subject: **Quarterly Report - First Quarter 2005**
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

Dear Mr. Rinehart:

Advanced GeoEnvironmental, Inc. has prepared the enclosed *Quarterly Report - First Quarter 2005* for the above-referenced site. Ground water monitoring was conducted as required by Mr. Barney Chan of the Alameda County Environmental Health Services (ACEHS-DEP) to assess the extent of petroleum hydrocarbon impact to ground water resulting from an unauthorized release from underground storage tanks. The enclosed report documents the results of the March 2005 ground water monitoring and sampling event.

The opportunity to provide this service is greatly appreciated. If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

***Advanced* GeoEnvironmental, Inc.**

Jo l M. Chapman
Staff Geologist

Enclosure

√cc: Mr. Barney Chan - ACEHS-DEP

837 Shaw Road, Stockton, California 95215
Telephone (209) 467-1006 Fax (209) 467-1118

Quarterly Report - First Quarter 2005

RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

17 June 2005
AGE-NC Project No. 03-1101

PREPARED FOR:

Mr. Reed Rinehart
RINEHART OIL, INC.

PREPARED BY:

Advanced GeoEnvironmental, Inc.

381 Thor Place, Brea, California 92821 • Phone (714) 529-0200 • Fax (714) 529-0203
837 Shaw Road, Stockton, California 95215 • Phone (209) 467-1006 • Fax (209) 467-1118
2318 Fourth Street, Santa Rosa, California 95404 • Phone (707) 570-1418 • Fax (707) 570-1461
395 Del Monte Center, #111, Monterey, California 93940 • Phone (800) 511-9300 • Fax (831) 394-5979

Quarterly Report - First Quarter 2005
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

17 June 2005
AGE-NC Project No. 03-1101

***Advanced* GeoEnvironmental, Inc.**
837 Shaw Road, Stockton, California

PREPARED BY:

Jo'l M. Chapman
Staff Geologist

REVIEWED BY:

William R. Little
Senior Project Geologist
California Professional Geologist No. 7473

PROFESSIONAL GEOLOGIST
WILLIAM R. LITTLE
No. 7473
STATE OF CALIFORNIA

Quarterly Report - First Quarter 2005
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

TABLE OF CONTENTS

Quarterly Report - First Quarter 2005
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

TABLE OF CONTENTS

APPENDICES

Quarterly Report - First Quarter 2005
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

1.0. INTRODUCTION

At the request of Mr. Reed Rinehart of Rinehart Oil, Inc., *Advanced* GeoEnvironmental, Inc. (AGE) has prepared this *Quarterly Report - First Quarter 2005* for the site located at 1107 5th Street, Oakland, California. This report documents the results of the March 2005 ground water monitoring and sampling event. The site and surrounding area are illustrated on Figure 1. On-site structures and well locations are illustrated on Figure 2. Site background information is provided in Appendix A.

The goals of the ground water monitoring program are to assess site ground water for seasonal variation of elevation, gradient, and flow direction, and to assess the impact of petroleum hydrocarbon compounds and fuel oxygenating compounds in shallow ground water beneath the site. This report has been prepared in accordance with the Regional Water Quality Control Board's *Appendix A - Reports, Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites*.

2.0. PROCEDURES

On 19 March 2005, the first quarter 2005 ground water monitoring event was conducted at the site; the scope of work included the measurement of ground water levels and collection of ground water samples from monitoring wells MW-1, MW-3N, MW-4 through MW-7, and MW-9 through MW-14 (Figure 2).

2.1. WELL MONITORING AND EVACUATION

On 19 March 2005, a Solinst water level meter was used to measure the depth to ground water in the monitoring wells relative to the tops of the well casings (well heads). After water levels were gauged, disposable plastic bailers were used to evacuate (purge) the wells of a minimum of three casing water volumes per well. Between 4.25 and 7.5 gallons of water were purged from monitoring wells MW-3N, MW-5, MW-6, MW-10, and MW-14. Monitoring wells MW-1 through MW-4, MW-7 through MW-9, and MW-11 through MW-14 drew down before three casing-water volumes could be evacuated. Temperature, pH, and conductivity were measured in the well without any free-phase petroleum at regular intervals using an Oakton water analyzer. Approximately ½-inch of free petroleum product was encountered in wells MW-7 and MW-8; the wells were purged of approximately 6.5 and 7.5 gallons of water, respectively, until the product was clear. Field sheets and data are included in Appendix B. Purged water was stored on-site in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums.

2.2. COLLECTION AND ANALYSIS OF GROUND WATER SAMPLES

Ground water samples were collected from the monitoring wells using dedicated, disposable plastic bailers after allowing the wells to achieve a minimum 80% recovery of the pre-purge water volume. The samples were transferred into three laboratory-supplied, 40-milliliter (ml) EPA-approved volatile organic analysis (VOA) vials containing 0.5 ml 18% hydrochloric acid solution as a sample preservative, and into one 1-liter amber bottle without preservative. The sample containers were labeled with the well designation, date, time, and the sampler's initials and transported in a chilled container under chain of custody to Cal Tech Environmental Laboratories (CTEL), a California Department of Health Services (DHS)-certified analytical laboratory, for analysis. The samples were analyzed for:

- Total petroleum hydrocarbons quantified as gasoline and diesel (TPH-g and TPH-d, respectively) in accordance with EPA Method 8015M; and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) and fuel additives di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), methyl tertiary-butyl ether (MTBE), tertiary-amyl methyl ether (TAME), and tertiary-butyl alcohol (TBA) and lead scavengers 1,2-dibromoethane (EDB), and 1,2-dichloroethane (1,2-DCA) in accordance with EPA Method 8260B.

3.0. FINDINGS

Ground water elevation, flow direction, and gradient were determined from field data collected on 19 March 2005. The hydrocarbon impact to ground water was quantified by laboratory analysis of ground water samples.

3.1. GROUND WATER GRADIENT AND FLOW DIRECTION

On 19 March 2005, depth to ground water was measured between 0.75 feet (MW-10) and 5.74 feet (MW-12) below the tops of the well casings; however, the depth to ground water at wells MW-7 and MW-8 were affected by the presence of free product; the depth was discounted from the elevation modeling. Ground water elevations at the site ranged from 4.83 feet (MW-11) to 10.32 feet (MW-10) above mean sea level (MSL) and averaged approximately 7.36 feet above MSL, indicating an increase in elevation of approximately 1.08 feet since the last monitoring event in October 2004.

During the first quarter 2005 monitoring event, ground water was inferred to be flowing down a northeast plunging ridge under hydraulic gradients between approximately 0.07 foot/foot (ft/ft) and

0.02 ft/ft. Depths to water and ground water elevations are summarized in Table 1. Figure 3 illustrates the contoured ground water elevations as measured on 19 March 2005.

3.2. ANALYTICAL RESULTS OF GROUND WATER SAMPLES

Ground water samples were collected from on-site monitoring wells MW-1, MW-3N, and MW-4 through MW-14. Ground water sample analytical results are detailed below.

TPH-g was detected in ground water samples taken from monitoring wells MW-1 and MW-3N through MW-9 at concentrations ranging from 100 micrograms per liter (µg/l) in wells MW-1 and MW-9 to 130,000 µg/l in well MW-7. TPH-d was detected in the sample from wells MW-5 through MW-8 at concentrations ranging from 860 µg/l (MW-5) to 100,000 µg/l (MW-8). Figures 4 and 5 illustrate the estimated distribution of dissolved TPH-g.

BTEX constituents were detected in the samples from wells MW-3N through MW-5 and MW-7 through MW-9 at the following maximum concentrations in well MW-7: 23,000 µg/l benzene, 1,400 µg/l toluene, 2,200 µg/l ethylbenzene, and 6,800 µg/l xylenes.

The fuel additives MTBE, TBA, TAME, and 1,2-DCA were detected in selected analyzed samples. MTBE was detected in all samples collected from wells MW-1 and MW-3N through MW-9 at concentrations ranging from 57 µg/l (MW-6) to 40,000 µg/l (MW-7). Figure 6 illustrates the estimated distribution of dissolved MTBE for this monitoring event. TBA was detected in the samples collected from wells MW-4 through MW-7 at concentrations ranging from 290 µg/l (MW-7) to 2,900 µg/l (MW-4). TAME was detected in wells MW-3N, MW-4, and MW-7 at a maximum concentration of 17 µg/l (MW-7). 1,2-DCA was detected only in sample MW-7 at a concentration of 29 µg/l.

A summary of ground water analytical results is presented in Tables 2 and 3. The laboratory analytical report (CTEL Project No. CT214-0503213), quality assurance/quality control (QA/QC) report, and chain of custody forms are included in Appendix C. Documents confirming the upload of laboratory electronic deliverable format (EDF) files and depth to water measurements to GeoTracker are included in Appendix D.

4.0. SUMMARY AND CONCLUSIONS

Based on the findings from this investigation, AGE concludes:

- On 19 March 2005, depth to ground water was measured between 0.75 feet and 5.74 feet

below the tops of the well casings. Ground water elevations at the site ranged from 4.83 feet to 10.32 feet above MSL and averaged approximately 7.36 feet above MSL, indicating an increase in elevation of approximately 1.08 feet since the last monitoring event in October 2004.

- Ground water was inferred to be flowing down a northeast plunging ridge under hydraulic gradients between approximately 0.07 ft/ft and 0.02 ft/ft.
- TPH-g was detected in ground water samples taken from monitoring wells MW-1 and MW-3N through MW-9 at concentrations ranging from 100 µg/l in wells MW-1 and MW-9 to 130,000 µg/l in well MW-7. TPH-d was detected in the sample from wells MW-5 through MW-8 at concentrations ranging from 860 µg/l (MW-5) to 100,000 µg/l (MW-8).
- BTEX constituents were detected in the samples from wells MW-3N through MW-5 and MW-7 through MW-9 at the following maximum concentrations in well MW-7: 23,000 µg/l benzene, 1,400 µg/l toluene, 2,200 µg/l ethylbenzene, and 6,800 µg/l xylenes.
- MTBE was detected in all samples collected from wells MW-1 and MW-3N through MW-9 at concentrations ranging from 57 µg/l (MW-6) to 40,000 µg/l (MW-7). TBA was detected in the samples collected from wells MW-4 through MW-7 at concentrations ranging from 290 µg/l (MW-7) to 2,900 µg/l (MW-4). TAME was detected in wells MW-3N, MW-4, and MW-7 at a maximum concentration of 17 µg/l (MW-7). 1,2-DCA was detected only in sample MW-7 at a concentration of 29 µg/l.
- Due to the presence of significant TBA concentrations compared to almost equal MTBE concentrations and the low detections of toluene, specifically lower than benzene, some natural bio-attenuation has been occurring in the dissolved phase media at central portion of the site.

5.0. RECOMMENDATIONS

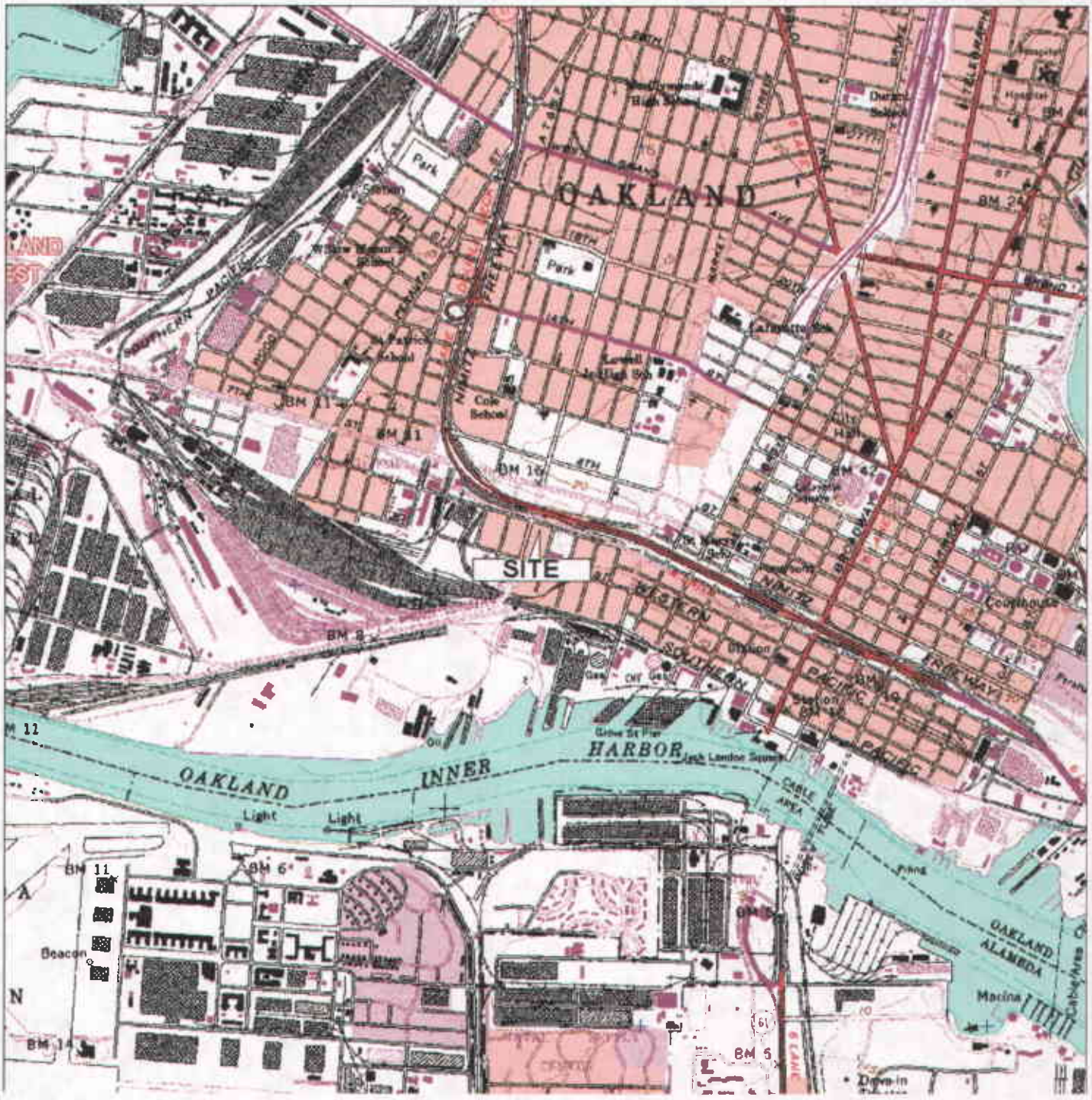
Based upon data reviewed and collected at the site, AGE recommends:

- Continued quarterly ground water monitoring.
- Installation of an additional on-site monitoring well at the northwestern portion of the site, to replace the approved soil boring northwest of well MW-8.

6.0. LIMITATIONS

AGE's professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar localities. The findings were based upon analytical results provided by an independent laboratory. Evaluations of the hydrogeologic conditions at the site for the purpose of this investigation were made from a limited number of available data points (i.e., monitoring wells and ground water samples) and subsurface conditions may vary beyond these data points. No other warranty, expressed or implied, is made as to the professional interpretations, opinions, and recommendations contained in this report.

FIGURES



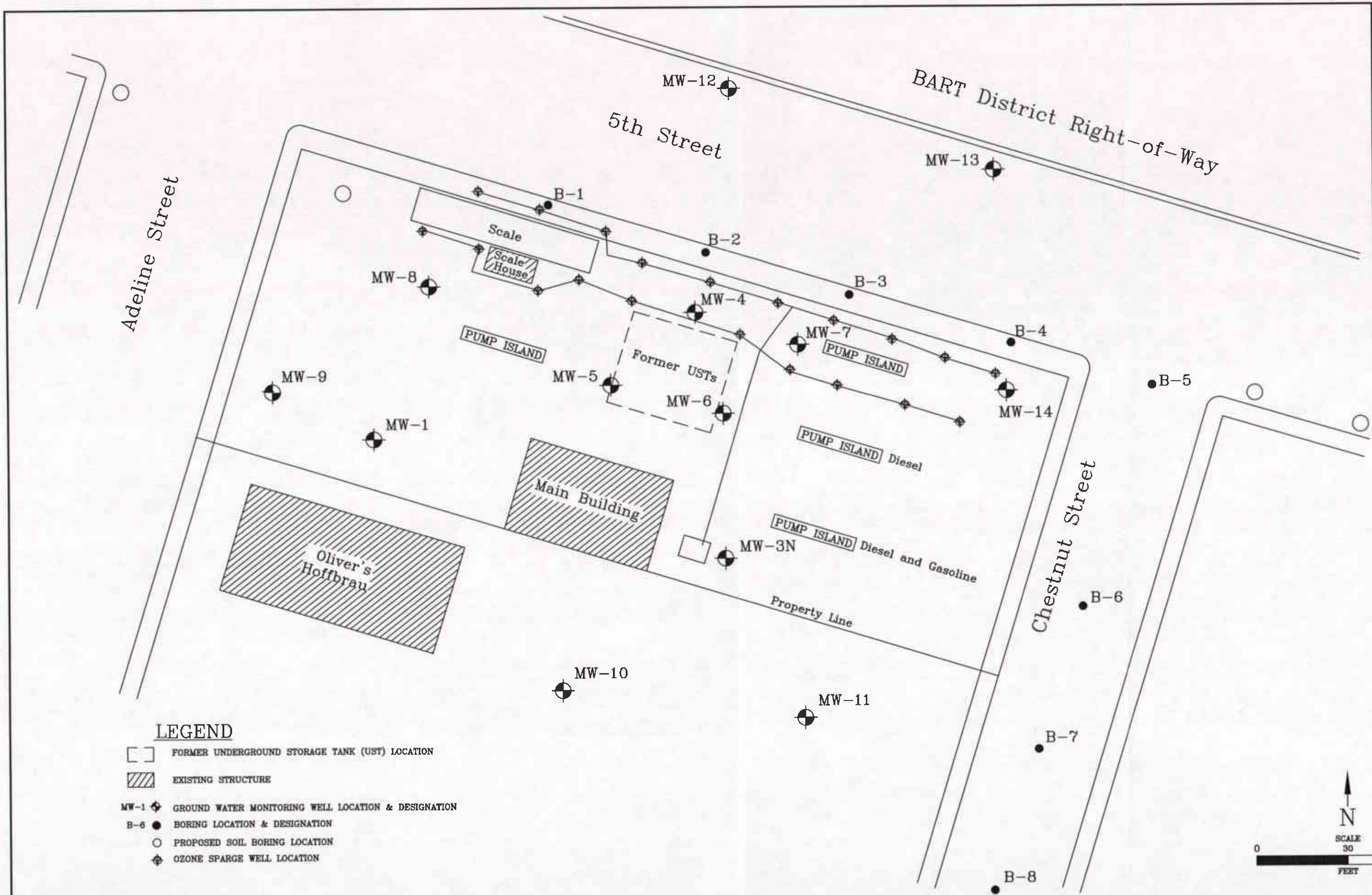
OAKLAND WEST QUADRANGLE, CALIFORNIA
7.5 MINUTE SERIES (U.S. GEOLOGICAL SURVEY)

LOCATION MAP

RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101	FILE: LOCATION	FIGURE:
DATE: 27 SEPTEMBER 2004	DRAWN BY: MAC	1



SITE PLAN
RINEHART - OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: [illegible] | FIGURE: 2
DATE: 17 JUNE 2005 | DRAWN BY: MAC

19 MARCH 2005

MW-12

5th Street

BART District Right-of-Way

MW-13

Adeline Street

Scale

Scale House

MW-8 (6.75)

MW-4 6.95

MW-7 (6.21)

PUMP ISLAND

Former USTs

PUMP ISLAND

MW-9 6.28

MW-5 7.85

MW-6 8.08

MW-14

0.02 ft/ft

MW-1 7.80

PUMP ISLAND

Main Building

MW-3N 8.57

PUMP ISLAND

6.00

7.00

8.00

9.00

Oliver's Hoffbrau

Chestnut Street

10.00

MW-10 10.32

10.00

9.00

8.00

7.00

6.00

5.00

0.07 ft/ft

MW-11 4.83

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST)
- EXISTING STRUCTURE
- MW-1 7.80 — GROUND WATER MONITORING WELL LOCATION / GROUND WATER ELEVATION (feet relative to MSL)
- GROUND WATER ELEVATION CONTOUR
- 0.07 ft/ft — GROUND WATER GRADIENT & FLOW DIRECTION
- ROSE DIAGRAM SHOWING FREQUENCY OF GROUND WATER FLOW DIRECTION

N

SCALE

0 30 60

FEET

GROUND WATER ELEVATION

RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: OaklandGW0306 | FIGURE: 3

DATE: 17 JUNE 2005 | DRAWN BY: MAC

19 MARCH 2005

DISSOLVED TPH-G

RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: Oakland050606 | FIGURE: 4
DATE: 17 JUNE 2005 | DRAWN BY: MAC

5th Street

BART District Right-of-Way

Adeline Street

Chestnut Street

MW-12 <50

MW-13 100

MW-8 80,000

MW-4 3,500

MW-7 130,000

MW-5 1,000

MW-6 1,600

MW-9 100

MW-1 100

MW-14 490

MW-3N 300

MW-10 <50

MW-11 <50

Scale

Scale House

PUMP ISLAND

Former USTs

Main Building

Oliver's Hoffbrau

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 <50 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION TPH-g CONCENTRATION (micrograms per liter: ug/l)
- ? — QUERIED WHERE UNCERTAIN

- TPH-g CONCENTRATION >100,000 ug/l
- TPH-g CONCENTRATION >10,000 ug/l
- TPH-g CONCENTRATION >1,000 ug/l
- TPH-g CONCENTRATION >100 ug/l
- TPH-g CONCENTRATION >50 ug/l

N

SCALE 0 30 60 FEET

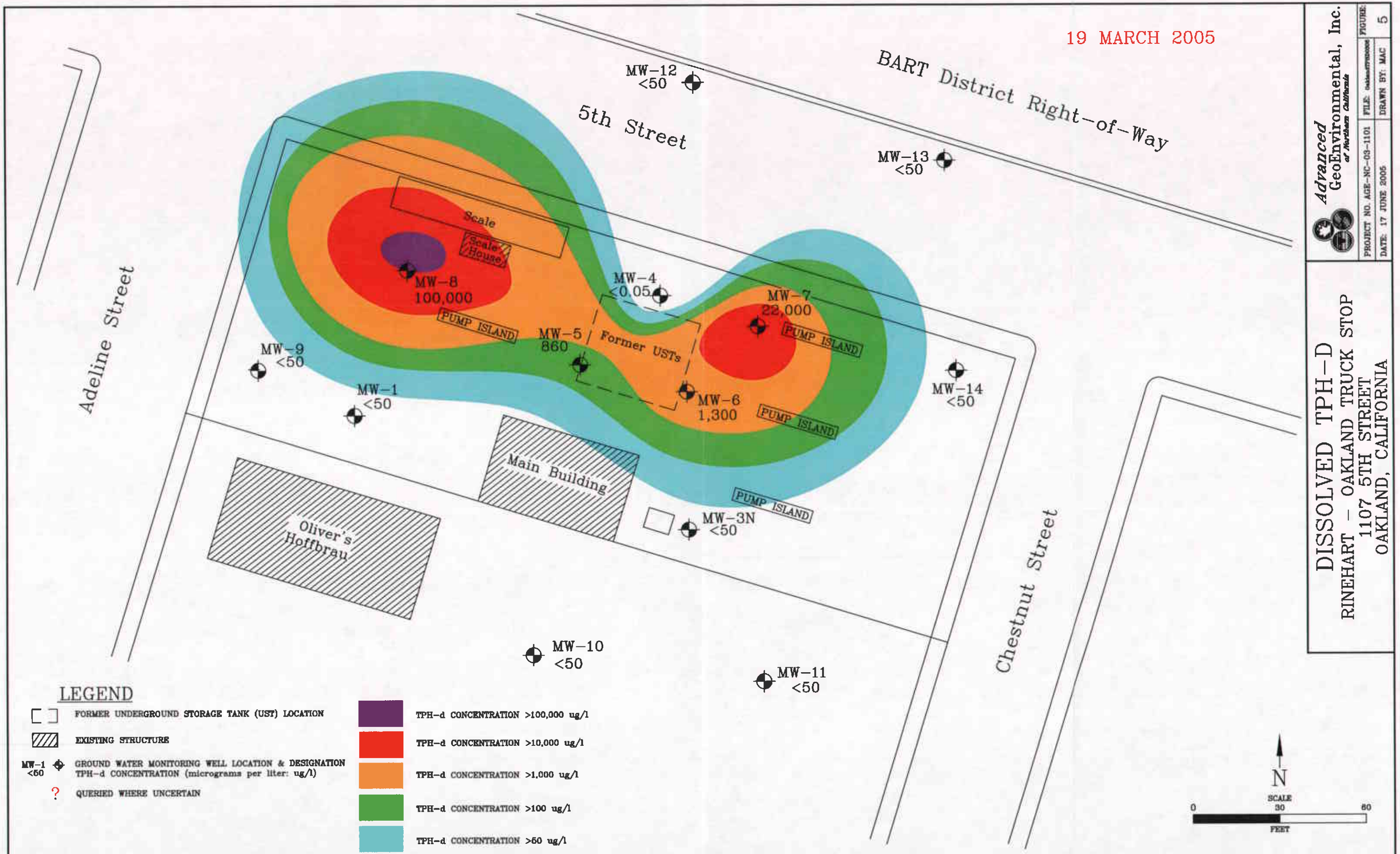
19 MARCH 2005

DISSOLVED TPH-D

RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1101 | FILE: [illegible] | FIGURE: 5
DATE: 17 JUNE 2005 | DRAWN BY: MAC



LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 <50 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION TPH-d CONCENTRATION (micrograms per liter: ug/l)
- ? QUERIED WHERE UNCERTAIN

- TPH-d CONCENTRATION >100,000 ug/l
- TPH-d CONCENTRATION >10,000 ug/l
- TPH-d CONCENTRATION >1,000 ug/l
- TPH-d CONCENTRATION >100 ug/l
- TPH-d CONCENTRATION >50 ug/l

19 MARCH 2005

DISSOLVED MTBE
RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: [illegible] | FIGURE: 6
DATE: 17 JUNE 2005 | DRAWN BY: MAC

BART District Right-of-Way

5th Street

Adeline Street

Chestnut Street

MW-12 <1.0

MW-13 <1.0

MW-14 <1.0

MW-8 13,000

MW-4 900

MW-7 40,000

MW-9 87

MW-5 71

MW-6 57

MW-1 110

MW-3N 300

MW-10 <1.0

MW-11 <1.0

Scale

Scale House

PUMP ISLAND

Former USTs

Main Building

Oliver's Hoffbrau

LEGEND

- FORMER UNDERGROUND STORAGE (UST) TANK LOCATION
- EXISTING STRUCTURE
- MW-1 <1 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION MTBE CONCENTRATION (micrograms per liter: ug/l)
- ? QUERIED WHERE UNCERTAIN

- MTBE CONCENTRATION >10,000 ug/l
- MTBE CONCENTRATION >1,000 ug/l
- MTBE CONCENTRATION >100 ug/l
- MTBE CONCENTRATION >1 ug/l

N

SCALE
0 30 60
FEET

TABLES

TABLE 1

GROUND WATER ELEVATION DATA
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(feet)

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-1 *10.34'* (10'-20' bsg)	10/21/96	5.08	5.26
	11/04/96	3.02	7.32
	03/04/97	2.28	8.06
	06/12/97	4.80	5.54
	07/14/97	2.66	7.68
	09/09/97	2.45	7.89
	09/19/97	2.60	7.74
	02/13/98	2.76	7.58
	07/07/98	2.15	8.19
	10/01/98	3.63	6.71
	12/30/98	4.40	5.94
	03/21/00	2.62	7.72
	08/30/00	3.21	7.13
	11/06/00	3.10	7.24
	02/22/01	3.50	6.84
	05/07/01	2.94	7.40
	08/22/01	3.70	6.64
	11/04/01	3.89	6.45
	02/15/02	2.95	7.39
	05/20/02	3.29	7.05
	08/01/02	3.51	6.83
	11/11/02	4.00	6.34
	02/12/03	3.40	6.94
	05/12/03	3.65	6.69
	08/12/03	3.04	7.30
	01/09/04	4.64	5.70
	04/14/04	6.45	3.89
	07/21/04	3.55	6.79
	10/20/04	4.00	6.34
	03/19/05	2.54	7.80
MW-3N *11.67'* (5'-12' bsg)	05/20/02	3.91	7.76
	08/01/02	4.22	7.45
	11/11/02	4.42	7.25
	02/12/03	3.71	7.96
	05/12/03	3.49	8.18
	08/12/03	4.18	7.49
	01/09/04	3.78	7.89
	04/14/04	4.01	7.66
	07/21/04	4.90	6.77
	10/20/04	5.28	6.39
	03/19/05	3.10	8.57

TABLE 1

GROUND WATER ELEVATION DATA
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(feet)

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-4 *10.46'* (5'-20' bsg)	08/30/00	3.74	6.72
	11/06/00	3.85	6.61
	02/22/01	4.66	5.80
	05/07/01	2.66	7.80
	08/22/01	4.13	6.33
	11/04/01	4.53	5.93
	02/15/02	3.62	6.84
	05/20/02	3.65	6.81
	08/01/02	4.25	6.21
	11/11/02	4.85	5.61
	02/12/03	4.24	6.22
	05/12/03	4.20	6.26
	08/12/03	4.47	5.99
	01/09/04	3.92	6.54
	04/14/04	4.04	6.42
	07/21/04	4.55	5.91
	10/20/04	4.89	5.57
	03/19/05	3.51	6.95
MW-5 *10.24'* (5'-20' bsg)	08/30/00	3.01	7.23
	11/06/00	3.35	6.89
	02/22/01	3.00	7.24
	05/07/01	2.73	7.51
	08/22/01	3.88	6.36
	11/04/01	3.95	6.29
	02/15/02	2.84	7.40
	05/20/02	2.86	7.38
	08/01/02	3.21	7.03
	11/11/02	4.04	6.20
	02/12/03	3.12	7.12
	05/12/03	3.18	7.06
	08/12/03	3.75	6.49
	01/09/04	3.18	7.06
	04/14/04	3.15	7.09
	07/21/04	4.00	6.24
	10/20/04	4.49	5.75
	03/19/05	2.39	7.85

TABLE 1

GROUND WATER ELEVATION DATA
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(feet)

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-6 *10.62'* (5'-20' bsg)	08/30/00	3.40	7.22
	11/06/00	3.72	6.90
	02/22/01	3.34	7.28
	05/07/01	3.08	7.54
	08/22/01	3.77	6.85
	11/04/01	4.33	6.29
	02/15/02	3.22	7.40
	05/20/02	3.24	7.38
	08/01/02	3.60	7.02
	11/11/02	4.41	6.21
	02/12/03	3.52	7.10
	05/12/03	3.34	7.28
	08/12/03	3.91	6.71
	01/09/04	3.35	7.27
	04/14/04	3.40	7.22
	07/21/04	4.21	6.41
	10/20/04	4.63	5.99
	03/19/05	2.54	8.08
MW-7 *11.69'* (5'-20' bsg)	08/30/00	6.72	4.97
	11/06/00	6.85	4.84
	02/22/01	6.00	5.69
	05/07/01	6.35	5.34
	08/22/01	6.86	4.83
	11/04/01	6.66	5.03
	02/15/02	6.45	5.24
	05/20/02	6.59	5.10
	08/01/02	6.72	4.97
	11/11/02	6.61	5.08
	02/12/03	5.64	6.05
	05/12/03	5.68	6.01
	08/12/03	6.24	5.45
	01/09/04	5.65	6.04
	04/14/04	6.40	5.29
	07/21/04	6.31	5.38
	10/20/04	6.42	5.27
	03/19/05	5.48	6.21

TABLE 1

GROUND WATER ELEVATION DATA
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(feet)

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-8 *10.06'* (5'-20' bsg)	08/30/00	3.06	7.00
	11/06/00	2.98	7.08
	02/22/01	2.46	7.60
	05/07/01	2.76	7.30
	08/22/01	3.56	6.50
	11/04/01	3.76	6.30
	02/15/02	2.72	7.34
	05/20/02	2.82	7.24
	08/01/02	3.06	7.00
	11/11/02	3.54	6.52
	02/12/03	3.07	6.99
	05/12/03	2.69	7.37
	08/12/03	3.10	6.96
	01/09/04	2.85	7.21
	04/14/04	3.45	6.61
	07/21/04	4.56	5.50
	10/20/04	4.72	5.34
	03/19/05	3.31	6.75
MW-9 *10.03'* (5'-20' bsg)	08/30/00	2.81	7.22
	11/06/00	2.68	7.35
	02/22/01	2.20	7.83
	05/07/01	2.75	7.28
	08/22/01	3.80	6.23
	11/04/01	3.61	6.42
	02/15/02	2.92	7.11
	05/20/02	2.38	7.65
	08/01/02	2.72	7.31
	11/11/02	2.87	7.16
	02/12/03	2.43	7.60
	05/12/03	2.41	7.62
	08/12/03	2.61	7.42
	01/09/04	2.87	7.16
	04/14/04	3.65	6.38
	07/21/04	3.70	6.33
	10/20/04	4.20	5.83
	03/19/05	3.75	6.28

TABLE 1

GROUND WATER ELEVATION DATA
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(feet)

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-10 *11.07'* (5'-12' bsg)	05/20/02	4.54	6.53
	06/18/02	4.25	6.82
	08/01/02	1.80	9.27
	11/11/02	1.50	9.57
	02/12/03	1.07	10.00
	05/12/03	1.01	10.06
	08/12/03	1.44	9.63
	01/09/04	0.90	10.17
	04/14/04	2.05	9.02
	07/21/04	2.78	8.29
	10/20/04	1.05	10.02
	03/19/05	0.75	10.32
MW-11 *9.64'* (5'-12' bsg)	05/20/02	0.84	8.80
	06/18/02	1.71	7.93
	08/01/02	4.88	4.76
	11/11/02	5.18	4.46
	02/12/03	3.85	5.79
	05/12/03	4.00	5.64
	08/12/03	4.31	5.33
	01/09/04	3.74	5.90
	04/14/04	5.73	3.91
	07/21/04	5.80	3.84
	10/20/04	-	-
	03/19/05	4.81	4.83
MW-12 - (5'-20' bsg)	10/20/04	5.41	-
	03/19/05	5.74	-
MW-13 - (5'-20' bsg)	10/20/04	5.67	-
	03/19/05	4.82	-
MW-14 - (5'-20' bsg)	10/20/04	6.36	-
	03/19/05	5.20	-

Notes:
All measurements reported in feet.
bsg: below surface grade
-: information not available

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-1	11/04/96	ND	**220**	ND	ND	ND	ND	NA
	03/05/97	ND	**230**	ND	ND	ND	ND	NA
	06/12/97	ND	**290**	ND	ND	ND	ND	NA
	09/09/97	ND	**180**	ND	ND	ND	ND	NA
	02/13/98	ND	**590**	ND	ND	ND	ND	NA
	07/07/98	ND	**1,400**	ND	ND	ND	ND	NA
	10/01/98	ND	**1,100**	ND	ND	ND	ND	NA
	12/30/98	ND	**1,700**	ND	ND	ND	ND	NA
	03/21/00	**220**	**3,100**	**11**	ND	ND	ND	NA
	08/30/00	**140**	**1,600**	**5.3**	<0.5	<0.5	<0.5	**2,900**
	11/06/00	**51**	**1,500**	**1.0**	<0.5	<0.5	<0.5	**1,700**
	02/22/01	**140**	**3,000**	<0.5	<0.5	<0.5	<0.5	**1,00**
	05/07/01	<50	**3,800**	<0.5	<0.5	<0.5	<0.5	**780**
	08/22/01	<110	**1,800**	<0.5	<0.5	<0.5	<0.5	**1,900**
	11/04/01	<50	**1,300**	<0.5	<0.5	<0.5	<0.5	**1,600**
	02/15/02	<50	**2,000**	<0.5	<0.5	<0.5	<0.5	**610**
	05/20/02	<50	**160**	<0.5	<0.5	<0.5	<0.5	**570**
	08/01/02	<50	**600**	<0.5	<0.5	<0.5	<0.5	**480**
	11/11/02	<50	**2,200**	<0.5	<0.5	<0.5	<0.5	**510**
	02/12/03	<50	**1,200**	<0.5	<0.5	<0.5	<0.5	**540**
	05/12/03	<50	**520**	<0.5	<0.5	<0.5	<0.5	**610**
	08/11/03	<50	**180**	<0.5	<0.5	<0.5	<0.5	**740**
	01/09/04	**610**	<50	<0.5	<0.5	<0.5	**4.2**	NA
	04/14/04	**730**	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	**900**	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	**100**	<50	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-3N	05/20/02	<50	**1,800**	<0.5	<0.5	<0.5	<0.5	**1,100**
	08/01/02	<50	**2,900**	<0.5	<0.5	<0.5	<0.5	**350**
	11/11/02	<50	**1,100**	<0.5	<0.5	<0.5	<0.5	**280**
	02/12/03	<50	**1,300**	<0.5	<0.5	<0.5	<0.5	**380**
	05/12/03	<50	**1,500**	<0.5	<0.5	<0.5	<0.5	**330**
	08/11/03	<50	**720**	<0.5	<0.5	<0.5	<0.5	**250**
	01/09/04	**230**	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	**230**	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	**400**	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	**190**	<50	**3.5**	<0.5	<0.5	**5.2**	NA
	03/19/05	**300**	<50	**2.6**	<0.5	<0.5	**5.2**	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-4	08/30/00	**1,300**	**390**	**64**	**63**	**9.7**	**110**	**210,000**
	11/06/00	<3,300	**170**	**80**	<4.0	<5.0	<3.0	**130,000**
	11/06/00†	<3,300	NA	**86**	<4.0	<7.0	<6.0	**130,000**
	02/22/01	<3,300	**120**	**30**	<3.0	<3.0	<3.0	**120,000**
	05/07/01	<4,200	**240**	<20	<10.0	<5.0	<5.0	**150,000**
	08/22/01	<5,400	**300**	<5.0	<5.0	<5.0	<5.0	**160,000**
	11/04/01	<5,000	**210**	<5.0	<5.0	<5.0	<5.0	**130,000**
	02/15/02	<5,000	**340**	<5.0	<5.0	<5.0	<10	**160,000**
	05/20/02	<2,500	**200**	<25	<25	<25	<25	**98,000**
	08/01/02	<2,500	**200**	<25	<25	<25	<25	**89,000**
	11/11/02	<3,000	**200**	<25	<25	<25	<25	**99,000**
	02/12/03	<2,500	**88**	<25	<25	<25	<25	**78,000**
	05/12/03	<2,500	**88**	<25	<25	<25	<25	**88,000**
	08/11/03	<2,500	**66**	<25	<25	<25	<25	**77,000**
	01/09/04	**50,000**	<50	**120**	<0.5	<0.5	<0.6	NA
	04/14/04	**27,000**	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	**27,000**	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	**22,000**	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	**3,500**	<50	**25**	<0.5	<0.5	<0.6	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-5	08/30/00	**1,000**	**450**	<5.0	<5.0	<5.0	<5.0	**52,000**
	11/06/00	<1,000	**520**	<1.0	<1.0	<1.0	<1.0	**44,000**
	02/22/01	<1,000	**270**	<1.0	<1.0	<1.0	<1.0	**30,000**
	05/07/01	<1,800	**470**	<5.0	<2.0	<2.0	<2.0	**48,000**
	08/22/01	<2,200	**780**	<3.0	<3.0	<3.0	<3.0	**63,000**
	11/04/01	<1,700	**670**	<2.0	<2.0	<2.0	<2.0	**44,000**
	02/15/02	<1,100	**480**	<1.0	<1.0	<1.0	<1.0	**33,000**
	05/20/02	<500	**1,600**	<5.0	<5.0	<5.0	<5.0	**21,000**
	08/01/02	<500	**810**	<5.0	<5.0	<5.0	<5.0	**21,000**
	11/11/02	<500	**2,100**	<5.0	<5.0	<5.0	<5.0	**10,000**
	02/12/03	<170	**2,900**	**30**	<1.7	<1.7	<1.7	**3,700**
	05/12/03	<500	**1,500**	**13**	<5.0	<5.0	<5.0	**19,000**
	08/11/03	**71**	**2,200**	**9.5**	<0.5	<0.5	<0.5	**1,500**
	01/09/04	**1,500**	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	**500**	<50	**20**	<0.5	<0.5	<0.6	NA
	07/21/04	**2,000**	<50	**2.2**	<0.5	<0.5	<0.6	NA
	10/20/04	**1,900**	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	**1,000**	**860**	**2.3**	<0.5	**5.0**	**40**	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-6	08/30/00	**1,300**	**1,300**	**55**	<0.5	**16**	**27**	**23,000**
	11/06/00	<630	**1,100**	**7**	**8.1**	<3.0	**5.2**	**26,000**
	02/22/01	<200	**420**	<5.0	<5.0	<5.0	<5.0	**6,500**
	05/07/01	<1,000	**900**	<2.0	<2.0	<1.0	<1.0	**37,000**
	08/22/01	<350	**520**	<2.0	<1.0	<0.5	<0.5	**8,600**
	11/04/01	<500	**420**	<2.0	<2.0	<0.5	<0.5	**12,000**
	02/15/02	<960	**910**	**2.6**	**4.5**	<1.0	**4.2**	**23,000**
	05/20/02	<620	**690**	<6.2	<6.2	<6.2	<6.2	**25,000**
	08/01/02	<250	**1,100**	**8.0**	<2.5	<2.5	<2.5	**8,100**
	11/11/02	<500	**1,000**	<5.0	<5.0	<5.0	<5.0	**11,000**
	02/12/03	<250	**970**	<2.5	<2.5	<2.5	<2.5	**7,400**
	05/12/03	<1,000	**2,100**	<10	<10	<10	<10	**32,000**
	08/11/03	**110**	**630**	**6.8**	<1	<1.0	<1.0	**2,800**
	01/09/04	**700**	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	**200**	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	**200**	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	**7,700**	**4.5**	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	**1,600**	**1,300**	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-7	08/30/00	160,000	2,600	28,000	15,000	1,200	5,900	800,000
	11/06/00	80,000	1,700	23,000	12,000	1,200	5,000	540,000
	02/22/01	80,000	2,000	19,000	12,000	1,100	3,200	440,000
	02/22/01†	84,000	2,400	20,000	13,000	1,200	3,400	400,000
	05/07/01	100,000	7,600	25,000	16,000	1,700	6,600	460,000
	05/07/01†	100,000	8,200	25,000	17,000	1,700	6,700	530,000
	08/22/01	110,000	22,000	18,000	12,000	2,000	9,400	240,000
	11/04/01	85,000	6,500	17,000	2,700	2,100	9,700	150,000
	02/15/02	96,000	21,000	21,000	7,300	2,600	13,000	180,000
	02/15/02†	160,000	29,000	30,000	27,000	3,700	19,000	170,000
	05/20/02	140,000	310,000	24,000	21,000	3,800	20,000	180,000
	08/01/02	110,000	160,000	15,000	16,000	4,000	21,000	120,000
	11/11/02	110,000	240,000	14,000	11,000	4,100	19,000	74,000
	02/12/03	130,000	75,000	25,000	8,900	3,400	17,000	87,000
	05/12/03	98,000	7,100	25,000	520	2,600	12,000	140,000
	08/11/03	90,000	12,000	15,000	1,100	2,600	12,000	140,000
	01/09/04	130,000	18,000	9,500	340	190	3,700	NA
	04/14/04	330,000	22	23,000	300	1,900	5,600	NA
	07/21/04	120,000	14	11,000	730	1,000	1,250	NA
	10/20/04	130,000	8.4	14,000	420	600	380	NA
	03/19/05	130,000	22,000	23,000	1,400	2,200	6,800	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-8	08/30/00	<1,000	**690**	**18**	<1.0	<1.0	<1.0	**28,000**
	11/06/00	<3,300	**810**	<8.0	<5.0	<3.0	<7.0	**120,000**
	02/22/01	<2,500	**1,100**	**53**	<3.0	<3.0	<3.0	**99,000**
	05/07/01	<5,00	**1,300**	**32**	<10	<5.0	<5.0	**110,000**
	08/22/01	<4,000	**1,200**	<5.0	<5.0	<5.0	**16**	**76,000**
	11/04/01	**590**	**1,100**	**6.9**	<0.5	<0.5	<0.5	**60,000**
	02/15/02	<3,400	**1,500**	<5.0	<5.0	<5.0	<5.0	**110,000**
	05/20/02	<1,700	**2,200**	<17	<17	<17	<17	**66,000**
	08/01/02	<1,200	**2,800**	<12	<12	<12	<12	**53,000**
	11/11/02	<2,000	**11,000**	<10	**18**	<10	<10	**48,000**
	02/12/03	<1,700	**5,800**	<17	<17	<17	<17	**49,000**
	05/12/03	<2,500	**4,500**	**94**	<25	<25	<25	**52,000**
	08/11/03	<2,500	**23,000**	**92**	<25	<25	<25	**42,000**
	01/09/04	**51,000**	**12,000**	**2.4**	<0.5	<0.5	**2.1**	NA
	04/14/04	NS	NS	NS	NS	NS	NS	NS
	07/21/04	NS	NS	NS	NS	NS	NS	NS
	10/20/04	NS	NS	NS	NS	NS	NS	NS
	03/19/05	**80,000**	**100,000**	**45**	**38**	**77**	**530**	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-9	08/30/00	<50	**770**	<0.5	<0.5	<0.5	<0.5	**97**
	11/06/00	<50	**390**	<0.5	<0.5	<0.5	<0.5	**190**
	02/22/01	<50	**240**	<0.5	<0.5	<0.5	<0.5	**120**
	05/07/01	<50	**190**	<0.5	<0.5	<0.5	<0.5	**120**
	08/22/01	<50	**120**	<0.5	<0.5	<0.5	<0.5	**120**
	11/04/01	<50	**160**	<0.5	<0.5	<0.5	<0.5	**130**
	02/15/02	<50	**150**	<0.5	<0.5	<0.5	<0.5	**92**
	05/20/02	<50	**380**	<0.5	<0.5	<0.5	<0.5	**79**
	08/01/02	<50	**320**	<0.5	<0.5	<0.5	<0.5	**74**
	11/11/02	<50	**150**	<0.5	<0.5	<0.5	<0.5	**76**
	02/12/03	<50	**350**	<0.5	<0.5	<0.5	<0.5	**55**
	05/12/03	<50	**380**	<0.5	<0.5	<0.5	<0.5	**45**
	08/11/03	<50	**88**	<0.5	<0.5	<0.5	<0.5	**36**
	01/09/04	**200**	<50	<0.5	<0.5	<0.5	**4.7**	NA
	04/14/04	**180**	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	**80**	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	**100**	<50	**10**	<0.5	<0.5	<0.6	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-10	08/01/02	<50	**720**	**1.0**	<0.5	<0.5	<.05	<5.0
	11/11/02	<50	**100**	**0.72**	<0.5	<0.5	<0.5	<5.0
	02/12/03	<50	**71**	**0.63**	<0.5	<0.5	<0.5	<5.0
	05/12/03	<50	**96**	**0.56**	<0.5	<0.5	<5.0	<5.0
	08/11/03	<50	**110**	**0.93**	<0.5	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	07/21/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
MW-11	05/20/02	<50	**95**	**1.5**	**3.0**	<0.5	**1.4**	**260**
	08/01/02	<50	**190**	<0.5	**1.9**	**0.6**	<0.5	**52**
	11/11/02	<50	**140**	<0.5	**2.1**	**1.1**	<0.5	**23**
	02/12/03	<50	**86**	<0.5	**1.7**	<0.5	<0.5	<5.0
	05/12/03	<50	**62**	<0.5	**1.1**	<0.5	<0.5	<5.0
	08/11/03	<50	**72**	<0.5	**0.66**	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	04/14/04	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	07/21/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	10/20/04	NS	NS	NS	NS	NS	NS	NS
	03/19/05	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
MW-12	10/20/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
MW-13	10/20/04	**100**	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	<50	<50	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well I.D.	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-14	10/20/04	**490**	<50	<0.5	<0.5	<0.5	<0.6	NA
	03/19/05	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
MCL		**NE**	**NE**	**1**	**150**	**700**	**1,750**	**13**

Notes:
µg/l: micrograms per liter
†: duplicate sample
NA: not analyzed
NS: not sampled
TPH-g: total petroleum hydrocarbons quantified as gasoline
TPH-d: total petroleum hydrocarbons quantified as diesel
MTBE: methyl tertiary-butyl ether
MCL: primary Maximum Contaminant Level for drinking water in California
NE: no MCL has been established

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-1	11/04/96	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/05/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/13/98	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/07/98	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA
	10/01/98	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA
	12/30/98	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA
	03/21/00	**4,800**	NA	NA	NA	NA	NA	NA	NA	NA
	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**2,100**	<50	<50	<50	<250	NA	NA	<50	<50
	02/22/01	**1,100**	<20	<20	<20	<100	<4,000	<1,000	<20	<20
	05/07/01	**1,100**	<20	<20	<20	<100	<10,000	<1,000	<20	<20
	08/22/01	**1,600**	<25	<25	<25	<130	NA	NA	<25	<25
	11/04/01	**1,500**	<50	<50	<50	<250	NA	NA	<50	<50
	02/15/02	**770**	<20	<20	<20	<100	<10,000	<1,000	<20	<20
	05/20/02	**730**	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	08/01/02	**610**	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	11/11/02	**600**	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	02/12/03	**640**	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	05/12/03	**580**	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	08/11/03	**660**	<12	<12	<12	<120	<12,000	<1,200	<12	<12
	01/09/04	**590**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**730**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**620**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	10/20/04	**60**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	**110**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-3N	05/20/02	**1,500**	<25	<25	<25	<250	<25,000	<2,500	<25	<25
	08/01/02	**540**	<10	<10	**14**	<100	<10,000	<1,00	<10	<10
	11/11/02	**270**	<5.0	<5.0	**7.1**	<50	<5,000	<500	<5.0	<5.0
	02/12/03	**410**	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	05/12/03	**360**	<6.2	<6.2	<6.2	<62	<6,200	<620	<6.2	<6.2
	08/11/03	**280**	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	01/09/04	**230**	<1.0	<1.0	**2.5**	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**220**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**370**	<1.0	<1.0	**4.4**	<10	NA	NA	<0.5	<0.5
	10/20/04	**180**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	**300**	<1.0	<1.0	**2.4**	<10	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-4	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**120,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	11/06/00†	**120,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/22/01	**150,000**	<2,500	<2,500	<2,500	<13,000	<500,000	<130,000	<2,500	<2,500
	05/07/01	**200,000**	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	08/22/01	**190,000**	<5,000	<5,000	<5,000	<25,000	NA	NA	<5,000	<5,000
	11/04/01	**170,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	**160,000**	<2,500	<2,500	<2,500	<12,500	<1,250,000	<125,000	<2,500	<2,500
	05/20/02	**130,000**	<1,700	<1,700	<1,700	<17,000	<2,500,000	<170,000	<1,700	<1,700
	08/01/02	**100,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	11/11/02	**84,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	02/12/03	**70,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	05/12/03	**86,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	08/11/03	**74,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	01/09/04	**50,000**	<1.0	<1.0	**85**	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**27,000**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**5,300**	<1.0	<1.0	**3.6**	**150,000**	NA	NA	<0.5	<0.5
	10/20/04	**840**	<1.0	<1.0	<1.0	**110,000**	NA	NA	<0.5	<0.5
	03/19/05	**900**	<1.0	<1.0	**4.6**	**2,900**	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-5	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**42,000**	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	02/22/01	**39,000**	<500	<500	<500	<2,500	<100,000	<25,000	<500	<500
	05/07/01	**59,000**	<1,000	<1,000	<1,000	<5,000	<500,000	<50,000	<1,000	<1,000
	08/22/01	**70,000**	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	11/04/01	**37,000**	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	02/15/02	**33,000**	<1,250	<1,250	<1,250	<6,250	<625,000	<62,500	<1,250	<1,250
	05/20/02	**28,000**	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	08/01/02	**24,000**	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	11/11/02	**8,800**	<200	<200	<200	**10,000**	<200,000	<20,000	<200	<200
	02/12/03	**3,200**	<100	<100	<100	**4,100**	<100,000	<10,000	<100	<100
	05/12/03	**21,000**	<500	<500	<500	**5,200**	<500,000	<50,000	<500	<500
	08/11/03	**1,700**	<50	<50	<50	**14,000**	<50,000	<5,000	<50	<50
	01/09/04	**1,500**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**430**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**320**	<1.0	<1.0	<1.0	**15,000**	NA	NA	<0.5	<0.5
	10/20/04	**23**	<1.0	<1.0	<1.0	**11,000**	NA	NA	<0.5	<0.5
	03/19/05	**71**	<1.0	<1.0	<1.0	**500**	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-6	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**27,000**	<630	<630	<630	<3,200	NA	NA	<630	<630
	02/22/01	**8,000**	<100	<100	<100	<500	<20,000	<5,000	<100	<100
	05/07/01	**40,000**	<500	<500	<500	<2,500	<250,000	<25,000	<500	<500
	08/22/01	**8,800**	<200	<200	<200	<1,000	NA	NA	<200	<200
	11/04/01	**17,000**	<250	<250	<250	<1,300	NA	NA	<250	<250
	02/15/02	**26,000**	<1,000	<1,000	<1,000	<5,000	<500,000	<50,000	<1,000	<1,000
	05/20/02	**37,000**	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	08/01/02	**9,100**	<170	<170	<170	**3,800**	<170,000	<17,000	<170	<170
	11/11/02	**11,000**	<250	<250	<250	**8,600**	<250,000	<25,000	<250	<250
	02/12/03	**8,300**	<120	<120	<120	**4,600**	<120,000	<12,000	<120	<120
	05/12/03	**29,000**	<500	<500	<500	**8,700**	<500,000	<50,000	<500	<500
	08/11/03	**2,300**	<100	<100	<100	**27,000**	<100,000	<10,000	<100	<100
	01/09/04	**690**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**190**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**140**	<1.0	<1.0	<1.0	**15,000**	NA	NA	<0.5	<0.5
	10/20/04	**3,400**	<1.0	<1.0	<1.0	**77,000**	NA	NA	<0.5	<0.5
	03/19/05	**57**	<1.0	<1.0	<1.0	**1,300**	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-7	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**920,000**	<13,000	<13,000	<13,000	<63,000	NA	NA	<13,000	<13,000
	02/22/01	**460,000**	<5,000	<5,000	<5,000	<2,500	<1,000,000	<250,000	<5,000	<5,000
	02/22/01†	**500,000**	<5,000	<5,000	<5,000	<25,000	<1,000,000	<250,000	<5,000	<5,000
	05/07/01	**520,000**	<5,000	<5,000	<5,000	<2,500	<2,500,000	<250,000	<5,000	<5,000
	05/07/01†	**500,000**	<5,000	<5,000	<5,000	<25,000	<2,500,000	<5,000	<5,000	<5,000
	08/22/01	**250,000**	<5,000	<5,000	<5,000	<25,000	NA	NA	<5,000	<5,000
	11/04/01	**180,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	**200,000**	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	02/15/02†	**200,000**	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	05/20/02	**220,000**	<5,000	<5,000	<5,000	<50,000	<5,000,000	<500,000	<5,000	<5,000
	08/01/02	**150,000**	<2,500	<2,500	<2,500	<25,000	<2,500,000	<250,000	<2,500	<2,500
	11/11/02	**77,000**	<1,200	<1,200	<1,200	<12,000	<1,200,000	<120,000	<1,200	<1,200
	02/12/03	**110,000**	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	05/12/03	**220,000**	<5,000	<5,000	<5,000	<5,000	<5,000,000	<500,000	<5,000	<5,000
	08/11/03	**140,000**	<5,000	<5,000	<5,000	<5,000	<5,000,000	<500,00	<5,000	<5,000
	01/09/04	**120,000**	<1.0	<1.0	**900**	<10	<1,000	<50	<0.5	**420**
	04/14/04	**220,000**	<1.0	<1.0	**660**	<10	<1,000	<50	<0.5	**400**
	07/21/04	**71,000**	<1.0	<1.0	**370**	<10	NA	NA	<0.5	**300**
	10/20/04	**39,000**	<1.0	<1.0	**290**	<10	NA	NA	<0.5	**180**
	03/19/05	**40,000**	<1.0	<1.0	**17**	**290**	NA	NA	<0.5	**29**

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-8	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**76,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/22/01	**130,000**	<2,000	<2,000	<2,000	<10,000	<400,000	<100,000	<2,000	<2,000
	05/07/01	**120,000**	<2,500	<2,500	<2,500	<13,000	<1,300,000	<13,000	<2,500	<2,500
	08/22/01	**86,000**	<1,700	<1,700	<1,700	<8,500	NA	NA	<1,700	<1,700
	11/04/01	**49,000**	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	**91,000**	<2,500	<2,500	<2,500	<12,500	<1,250,000	<125,000	<2,500	<2,500
	05/20/02	**86,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	08/01/02	**67,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	11/11/02	**51,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	02/12/03	**51,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	05/12/03	**60,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	08/11/03	**42,000**	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	01/09/04	**50,000**	<1.0	<1.0	**160**	<10	<1,000	<50	<0.5	<0.5
	04/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/05	**13,000**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-9	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	**220**	<25	<25	<25	<125	NA	NA	<5.0	<5.0
	02/22/01	**160**	<2.0	<2.0	<2.0	<1.0	<400	<100	<2.0	<2.0
	05/07/01	**150**	<2.5	<2.5	<2.5	<13	<1,300	<130	<2.5	<2.5
	08/22/01	**120**	<5.0	<5.0	<5.0	<25	NA	NA	<5.0	<5.0
	11/04/01	**120**	<5.0	<5.0	<5.0	<25	NA	NA	<5.0	<5.0
	02/15/02	**98**	<2.5	<2.5	<2.5	<12.5	<1,250	<125	<2.5	<2.5
	05/20/02	**85**	<2.5	<2.5	<2.5	<25	<2,500	<250	<2.5	<2.5
	08/01/02	**84**	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	11/11/02	**61**	<2.5	<2.5	<2.5	<25	<2,500	<250	<2.5	<2.5
	02/12/03	**50**	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	05/12/03	**45**	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	08/11/03	**42**	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	01/09/04	**140**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	**180**	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	**24**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	10/20/04	**78**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	**87**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-10	08/01/02	**1.1**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	11/11/02	**0.7**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	02/12/03	<0.5	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	05/12/03	**0.59**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	08/11/03	**0.73**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	01/09/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	10/20/04	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
MW-11	05/20/02	**310**	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	08/01/02	**65**	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	11/11/02	**15**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	02/12/03	**2.6**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	05/12/03	**2.3**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	08/11/03	**2.3**	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	01/09/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	07/21/04	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	10/20/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/05	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
MW-12	10/20/04	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
MW-13	10/20/04	**99**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5

TABLE 3

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260B
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260B)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-14	10/20/04	**90**	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
	03/19/05	<1.0	<1.0	<1.0	<1.0	<10	NA	NA	<0.5	<0.5
MCL		**13**	**NE**	**NE**	**NE**	**12****	**NE**	**NE**	**0.05**	**0.5**

Notes:
µg/l: micrograms per liter
†: duplicate sample
NA: not analyzed
NS: not sampled
MTBE: methyl tertiary-butyl ether
DIPE: di-isopropyl ether
ETBE: ethyl tertiary-butyl ether
TAME: tertiary-amyl methyl ether
TBA: tertiary-butyl alcohol
EDB: 1,2-dibromoethane
1,2-DCA: 1,2-dichloroethane
MCL: primary Maximum Contaminant Level for drinking water in California
NE: no MCL has been established
**: Action Level, not MCL

APPENDIX A

Site Background Information
Rinehart Oil, Inc - Oakland Truck Stop
1107 5th Street, Oakland, California

BACKGROUND

The site is located at 1107 5th Street in a commercial and industrial area of west Oakland, California (Figure 1). The property contains a service station building, four fuel dispenser islands, a truck scale, scale house, and two underground storage tanks (USTs). The site has been a truck stop for the past forty years

REGIONAL GEOLOGIC/HYDROGEOLOGIC SETTING

The site is situated within the Coast Range Geomorphic Province of California. This geopmorphic province contains coastal foothills and mountains, and extends from the Tehachapi Mountains in the south to the Klamath Mountains in the north. The western and eastern boundaries of this province are comprised of the Pacific Ocean and the Great Valley Geomorphic Province, respectively.

The site is located in the Franciscan Complex, which is subdivided into four major divisions identified as the Northern Coast Range, the Franciscan Block, the Diablo Range, and the Nacimiento Block. The site is situated within the Franciscan Block, an assemblage of variably deformed and metamorphosed rock units. The surface is composed of Quaternary alluvium; at depth, the site is underlain by rocks of the Franciscan Complex, which are composed predominately of detrital sedimentary rocks with volcanic tuffs and deep ocean marine sediments. The Franciscan lithologies typically have low porosity and permeability.

Based upon the General Soil Map from the *Soil Survey of Alameda County, Western Part*, issued by the United States Department of Agriculture Soil Conservation Service in 1981, the site area is situated within the Urban land-Danville complex. This complex is located on low terraces and alluvial fans at an elevation of about 20 feet to 300 feet above mean sea level (MSL), and consists of about 60 percent Urban land, 30 percent Danville soil, and 10 percent other soils. Danville soil is a silty clay loam that formed in alluvium originating primarily from sedimentary rock. Urban land consists of areas covered by roads, parking lots, and buildings. The nearest surface water feature in the vicinity of the property is the Oakland Estuary, approximately 2,400 feet to the south of the subject property.

Based on data from previous monitoring events, ground water at the property varies seasonally between approximately 10 inches to 6 feet below surface grade (bsg). The ground water flow has varied from southwest to north. This may be affected by changing recharge and discharge patterns, as well as leaking pipes.

UNDERGROUND STORAGE TANK REMOVAL

In March 1999, two 10,000-gallon diesel USTs, one 10,000-gallon gasoline UST, and one 8,000-gallon gasoline UST were removed from the site. The approximate location of the former USTs is shown on Figure 2.

Interim remedial action was performed during the UST removal addressing contaminated soil and ground water. Approximately 2,100 tons of contaminated soil were removed from the excavation. Soil samples were collected from the excavation and stockpiles as directed by the Fire Inspector. Contaminated ground water was removed from the excavation pit; approximately 33,000 gallons of water were pumped into temporary storage tanks, which were then transported and disposed of off-site. Approximately 1,700 tons of backfill was placed in the excavation.

Results of the soil samples taken during the excavation are not available.

SITE ASSESSMENT ACTIVITIES

In November 1996, ground water monitoring wells MW-1 through MW-3 were installed to a depth of 20 feet bsg to assess contamination from an unauthorized release of fuel, which was repaired as soon as it was discovered. Product recovery sumps equipped with skimmers were installed in the wells and approximately 6 gallons of gasoline were recovered.

Monitoring well MW-2 was destroyed in January 1999. Additional monitoring wells MW-4 through MW-9 were installed to a total depth of 20 feet bsg in August 2000. Contamination was detected in each of the wells, and free product was sometimes evident in well MW-7.

Monitoring wells MW-10 and MW-11 were installed in May 2002 to a total depth of 12 feet bsg. At this time, well MW-3 was abandoned and well MW-3N was installed to a depth of 12 feet bsg.

In July 2002, several soil borings were advanced to total depths between 5 feet and 8 feet bsg to determine if contamination was migrating off-site along preferential pathways (i.e. utility trenches). Sample results indicated high MTBE concentrations that ranged from 170,000 µg/l to 460,000 µg/l in grab ground water samples from borings drilled directly north of the site, along the 5th Street sewer line. Borings east of the site had little to no contamination.

A passive skimmer was placed inside monitoring well MW-7 in January 2003 to remove free product.

During monitoring activities in April 2004, free-product was noted in MW-8. The passive skimmer from MW-7 was moved to MW-8 to remove the free product.

APPENDIX B

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 (209) 467-1006 Fax (209) 467-1118

Ground Water Depth & Dissolved Oxygen Field Log

Project: Oakland truck stop Date: 3/19/05

Field Personnel: KL/CT Page: 1 of ____

Well I.D.	Time	Casing Elev	Depth to Free Product	Depth to Water	Ground Water Elev	Measured Depth	Total Depth	ORP	Dissolved Oxygen		
									mg/L	%	°C
MW-1	1116	10.34		2.54	7.80	17.70					
3N	1052	11.69		3.10	8.59	11.60					
4	1059	10.96		3.51	6.95	20.00					
5	1103	10.24		2.39	7.85	14.35					
6	1106	10.62		2.54	8.08	14.35					
7	1054	11.69		5.48 5.52	6.21	18.90					
8	1125	10.06		3.31 3.35	6.75	18.60					
9	1112	10.03		3.75	6.28	20.05					
10	1034	11.09		.75	10.32	11.10					
11	1039	9.69		4.81	4.83	11.70					
12	1043	—		5.74	—	20.20					
13	1045	—		4.82	—	19.65					
14	1049	—		5.20	—	19.80					

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP	Project No.:	Date: 3/19/05
Pre-Purge DTW: 2.54 Time: 1116 Post-Purge DTW: 16.47 Time: 1216	Well I.D.: MW- 1	
Total Depth of Well: 17.70 Well Volume: 2.42	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL (CT)	Sample Containers: 3 VOAS	
Sample I.D.: MW- 1 /03-19-05	Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1206	0	6.76	18.7	4.01 mS	Cloudy	no odor
1208	2.5	6.65	19.3	4.55 mS	"	Slight odor
1211	5	6.71	19.6	4.53 mS	"	"
1215	7.5	6.60	20.1	5.87 mS	"	"
	-Draw Down Wait For recharge to sample					
	-DTW was 3.94 At time of sample					

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1414	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 3,10	Time: 1052	Well I.D.: MW-3N	
Post-Purge DTW: 9,95	Time: 1226		
Total Depth of Well: 11,60	Well Volume: 1,36	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): KI/CT		Sample Containers: 3 VOAS	
Sample I.D.: MW-3N /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1220	0	6,57	18.0	1106	cloudy	odor/sheen
1221	1,5	6,50	17,8	1168	"	"
1223	3,0	6,51	17,7	1203	"	"
1225	4,25	6,52	17,7	1230	"	"
	-Waiting	for	recharge	to	sample.	
	-DTW	at (5,20)	at	sample	time.	

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1410	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP			Project No.:	Date: 3/19/05	
Pre-Purge DTW: 3.51	Time: 1059		Well I.D.: MW-4		
Post-Purge DTW: 15.84	Time: 1400				
Total Depth of Well: 20.00	Well Volume: 2.63		Casing Diameter: (2")	0.5"	4" 6"
			Gal./Ft.:	0.01074 0.16	0.65 1.47
Sampler(s): KL (CT)			Sample Containers: 3 VOAS		
Sample I.D.: MW- 4 /03-19-05			Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1351	0	6.53	18.8	1489	Clear	no odor
1354	3	6.53	18.6	1472	"	"
1357	6	6.49	18.9	1790	"	"
1359	8	6.46	19.5	3.98 ms	"	"
	Drew Down ~~Dry~~ after recharge					
	to sample					
	DTW was 7.04 At Time of Sample					

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1519	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 2.39	Time: 1103	Well I.D.: MW-5	
Post-Purge DTW: 2.39	Time: 1306		
Total Depth of Well: 14.35	Well Volume: 1.91	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): (KL)CT		Sample Containers: 3 VOAS	
Sample I.D.: MW-5 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1258	0	6.52	17.8	949	cloudy	odor/sheen
1301	2	6.53	17.1	1114	"	"
1303	4	6.61	16.9	1118	"	"
1305	6	6.63	16.8	1129	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1307	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 2.54	Time: 1106	Well I.D.: MW-6	
Post-Purge DTW: 2.55	Time: 1326		
Total Depth of Well: 14.35	Well Volume: 1.88	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): KL/CT		Sample Containers: 3 VOAS	
Sample I.D.: MW-6 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1318	0	6.64	17.8	1062	cloudy	odor/sheen
1320	2	6.70	17.9	988	"	"
1322	4	6.71	18.0	921	"	"
1325	6	6.69	18.0	911	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1327	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 5.52	Time: 1054	Well I.D.: MW-7	
Post-Purge DTW: 6.30	Time: 1353		
Total Depth of Well: 18.90	Well Volume: 2.14	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): KJ/CT		Sample Containers: 3 VOAS	
Sample I.D.: MW-7 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
	0					
	2	- Found free product in well,				
	4	bailer showed about ½" of				
	6.5	product.				
		- purging 6.5 gallons before sampling.				

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1354	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP			Project No.:	Date: 3/19/05	
Pre-Purge DTW: 3.35	Time: 1125		Well I.D.: MW-8		
Post-Purge DTW: 5.78	Time: 1329				
Total Depth of Well: 18.60	Well Volume: 7.4		Casing Diameter:	0.5"	(2") 4" 6"
			Gal./Ft.:	0.01074	0.16 0.65 1.47
Sampler(s): KL/CT			Sample Containers: 3 VOAS		
Sample I.D.: MW-8 /03-19-05			Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1310	-1/2 inch of Product in Bailer					
—	Bail 7.5 gallon			(3x volumes)		Then Sample

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1330	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP			Project No.:	Date: 3/19/05	
Pre-Purge DTW: 13.75	Time: 1172		Well I.D.: MW- 9		
Post-Purge DTW: 12.52	Time: 1235				
Total Depth of Well: 20.05	Well Volume: 2.00		Casing Diameter:	0.5"	(2") 4" 6"
			Gal./Ft.:	0.01074	0.16 0.65 1.47
Sampler(s): KL/CT			Sample Containers: 3 VOAS		
Sample I.D.: MW- 9 /03-19-05			Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1226	0	6.33	19.0	1469	Clear	Odor
1229	3	6.42	18.9	1437	"	"
1231	6	6.43	18.8	1497		"
1233	8	6.38	19.7	1725	"	"
	-Drew Down Weather recharge to sample					
	-DTW was		4.01	At time of sample		

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1500	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 1.75	Time: 1034	Well I.D.: MW-10	
Post-Purge DTW: 1.98	Time: 1446		
Total Depth of Well: 11.10	Well Volume: 1.65	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): KL/CT		Sample Containers: 3 VOAS	
Sample I.D.: MW-10 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1440	0	7.07	16.0	545	clear	No odor
1442	2	7.01	15.8	544	cloudy	"
1444	4	7.00	15.7	546	"	"
1445	5	6.99	15.8	542	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1447	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 4.81	Time: 1039	Well I.D.: MW- 11	
Post-Purge DTW: 11.36	Time: 1434		
Total Depth of Well: 11.70	Well Volume: 1.10	Casing Diameter: 0.5" / 2" / 4" / 6"	
Sampler(s): KL/CT		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sample I.D.: MW- 11 /03-19-05		Sample Containers: 3 VOAS	
		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1426	0	6.65	18.1	1409	clear	No odor
1427	1	6.81	18.0	1412	cloudy	"
1428	2	6.80	18.0	1464	"	"
	3.5					
	-Waiting	for	recharge	to	sample	
	-DTW at (4.90) at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1534	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 5.74	Time: 1043	Well I.D.: MW- 12	
Post-Purge DTW: 10.60	Time: 1207		
Total Depth of Well: 20.20	Well Volume: 2.31	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): (KL) CT		Sample Containers: 3 VOAS	
Sample I.D.: MW- 12 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1159	0	6.71	17.6	1322	clear	No odor
1201	2.5	6.69	17.6	1315	"	"
1204	5.0	6.60	17.6	1554	"	"
1206	7.0	6.63	17.7	1748	"	"
	-Waiting for recharge to sample.					
	-DTW at 6.50 at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1216	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP		Project No.:	Date: 3/19/05
Pre-Purge DTW: 4.82	Time: 1045	Well I.D.: MW- 13	
Post-Purge DTW: 12.32	Time: 1302		
Total Depth of Well: 19.65	Well Volume: 2.37	Casing Diameter: 0.5" **2"** 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/CT		Sample Containers: 3 VOAS	
Sample I.D.: MW- 13 /03-19-05		Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1254	0	6.59	17.5	1129	Clear	no odor
1256	2.5	6.61	17.3	1114	"	"
1258	5	6.53	17.5	1254	"	"
1301	7.5	6.48	17.7	1306	"	"
	Drew down	wait	for recharge to	sample		
	DTW	was	5.51	AT time of sample		

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1309	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Version 3.1/0202/CRM

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: OAKLAND TRUCK STOP	Project No.: / Date: 3/19/05
Pre-Purge DTW: 5.20 Time: 1049 Post-Purge DTW: 5.45 Time: 1247	Well I.D.: MW-14
Total Depth of Well: 19.80 Well Volume: 2.33	Casing Diameter: 0.5" (0.01074) **2" (0.16)** 4" (0.65) 6" (1.47)
Sampler(s): KL/CT	Sample Containers: 3 VOAS
Sample I.D.: MW-14 /03-19-05	Analysis: TPH-g/d /btex / 5 fuel oxys / 1,2 dca &edb

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1236	0	6.76	18.9	741	cloudy	odor/sheen
1239	2.5	6.70	18.9	742	fair/cloudy	"
1241	5.0	6.72	19.0	742	"	"
1244	7.5	6.72	19.2	740	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1248	Dissolved O_2:	C
ICM	Oakton	%	mg/L

APPENDIX C

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0503213
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118

Attention: Mr. Bob Marty

Project ID: Global ID: T0607700
Project Name: Oakland Truck Stop

Date Sampled: 03/19/05 @ 14:14 p.m.
Date Received: 03/22/05 @ 09:00 am
Date Analyzed: 03/23/05 – 03/24/05

Matrix: Water

Laboratory ID: / Client Sample ID:	0503-213-1 MW1	0503-213-2 MW3N	0503-213-3 MW4	Method	Units:	Detection Limit
Dilution	1	1	10			
TPH - Gasoline	100	300	3500	EPA 8015M	ug/L	50
TPH – Diesel	ND	ND	ND<0.05	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1-100			
Methyl-tert-butyl-ether(MtBE)	110	300	900	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	2900	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND<1	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND<1	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	2.4	4.6	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	ND	2.6	25	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	5.2	ND<0.6	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND<0.6	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	101	112	77	70-130
1,2 Dichloroethaned4	102	113	81	70-130
Toluene-d8	110	95	119	70-130
Bromofluorobenzene	95	95	87	70-130

CTEL Project No:	CT214-0503213
Client Name:	Advanced Geo Environmental, Inc.
	837 Shaw Road
	Stockton, CA 95215
Attention:	Mr. Bob Marty
Project ID:	Global ID: T0607700
Project Name:	Oakland Truck Stop
Date Sampled:	03/19/05 @ 13:07 p.m.
Date Received:	03/22/05 @ 09:00 am
Date Analyzed	03/23/05 – 03/24/05

Phone:(209) 467-1006
Fax: (209) 467-1118

Matrix: Water

Laboratory ID: / **Client Sample ID:**	0503-213-4 MW5	0503-213-5 MW6	0503-213-6 MW7	**Method**	**Units:**	**Detection Limit**
Dilution	1	1	10-100			
TPH - Gasoline	1000	1600	130000	EPA 8015M	ug/L	50
TPH – Diesel	860	1300	22000	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1-10	1-10	1-500			
Methyl-tert-butyl-ether(MtBE)	71	57	40000	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	500	1300	290	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND<1	ND<1	ND<1	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND<1	ND<1	ND<1	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND<1	ND<1	17	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND<0.5	ND<0.5	29	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND<0.5	ND<0.5	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	2.3	ND<0.5	23000	SW846 8260B	ug/L	0.5
Toluene	ND<0.5	ND<0.5	1400	SW846 8260B	ug/L	0.5
Ethylbenzene	5.0	ND<0.5	2200	SW846 8260B	ug/L	0.5
m,p-Xylene	26	ND<0.6	5500	SW846 8260B	ug/L	0.6
o-Xylene	14	ND<0.6	1300	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	81	88	76	70-130
1,2 Dichloroethaned4	76	74	80	70-130
Toluene-d8	100	99	95	70-130
Bromofluorobenzene	84	90	94	70-130

CTEL Project No:	CT214-0503213
Client Name:	Advanced Geo Environmental, Inc.
	837 Shaw Road
	Stockton, CA 95215
Attention:	Mr. Bob Marty

Phone:(209) 467-1006
Fax: (209) 467-1118

Project ID:	Global ID: T0607700
Project Name:	Oakland Truck Stop
Date Sampled:	03/19/05 @ 13:30 p.m.
Date Received:	03/22/05 @ 09:00 am
Date Analyzed	03/23/05 – 03/24/05

Matrix: Water

Laboratory ID: / **Client Sample ID:**	0503-213-7 MW8	0503-213-8 MW9	0503-213-9 MW10	**Method**	**Units:**	**Detection Limit**
Dilution	1-50	1	1			
TPH - Gasoline	80000	100	ND	EPA 8015M	ug/L	50
TPH – Diesel	100000	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1-200	1	1			
Methyl-tert-butyl-ether(MtBE)	13000	87	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND<10	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND<1	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND<1	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND<1	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND<0.5	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND<0.5	ND	ND	SW846 8260B	ug/L	0.5
Benzene	45	10	ND	SW846 8260B	ug/L	0.5
Toluene	38	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	77	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	430	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	100	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	83	93	92	70-130
1,2 Dichloroethaned4	74	91	84	70-130
Toluene-d8	100	118	100	70-130
Bromofluorobenzene	103	101	96	70-130

CTEL Project No:	CT214-0503213
Client Name:	Advanced Geo Environmental, Inc.
	837 Shaw Road
	Stockton, CA 95215
Attention:	Mr. Bob Marty

Phone:(209) 467-1006
Fax: (209) 467-1118

Project ID:	Global ID: T0607700
Project Name:	Oakland Truck Stop
Date Sampled:	03/19/05 @ 15:34 p.m.
Date Received:	03/22/05 @ 09:00 am
Date Analyzed:	03/23/05 – 03/24/05

Matrix: Water

Laboratory ID:	0503-213-10	0503-213-11	0503-213-12	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW11	MW12	MW13			
Dilution	1	1	1			
TPH - Gasoline	ND	ND	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	87	90	94	70-130
1,2 Dichloroethaned4	84	85	93	70-130
Toluene-d8	99	102	96	70-130
Bromofluorobenzene	85	88	99	70-130

CTEL Project No:	CT214-0503213
Client Name:	Advanced Geo Environmental, Inc.
	837 Shaw Road
	Stockton, CA 95215
Attention:	Mr. Bob Marty

Phone:(209) 467-1006
Fax: (209) 467-1118

Project ID:	Global ID: T0607700
Project Name:	Oakland Truck Stop
Date Sampled:	03/19/05 @ 12:48 p.m.
Date Received:	03/22/05 @ 09:00 am
Date Analyzed	03/23/05 – 03/24/05

Matrix: Water

Laboratory ID:	0503-213-13	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW14			
Dilution	1			
TPH - Gasoline	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	EPA 8015M	ug/L	50
VOC, 8260B				
Dilution	1			
Methyl-tert-butyl-ether(MtBE)	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	SW846 8260B	ug/L	0.5
Benzene	ND	SW846 8260B	ug/L	0.5
Toluene	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY	Control Limit
Dibromofluoromethane	88	70-130
1,2 Dichloroethaned4	84	70-130
Toluene-d8	99	70-130
Bromofluorobenzene	89	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 3/23/05

Date Extracted: 3/23/05

Parameters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	1022	1054	1000	102	105	70-130	20	3
TPH - Diesel	1896	1948	2000	95	97	70-130	20	2

Parameters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 3/23/05

Date Extracted: 3/23/05

Perimeters	Conc. ug/L		Spike	Recovery %		Control Limits		RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	42	43	50	84	86	70-130	20	2
Benzene	44	45	50	88	90	70-130	20	2
Trichloroethene	45	46	50	90	92	70-130	20	2
Toluene	46	46	50	92	92	70-130	20	0
Chlorobenzene	49	49	50	98	98	70-130	20	0
m,p-Xylenes	90	92	100	90	92	70-130	20	2

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 3/19/05 Page 1 of 2

03-213

Client Reed Rinehart

Project Manager Bob Marty

Phone Number (209) 467-1006

Samplers: (Signature)

Project Name Oakland truck stop

Invoice: AGE ☒ Client ☐

Tests Required

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Sample Type: Water Grab.	Sample Type: Air	Solid	No. of Conts.	TPH-G+D	BTEX	G Fuel oxys & 1,2 DCA & EDB				Notes
MW-1 031905	MW-1	3/19/05	1414		X			4	X	X	X	X			
MW-3N	MW-3N		1410		X			4	X	X	X	X			
MW-4	MW-4		1519		X			4	X	X	X	X			
MW-5	MW-5		1307		X			4	X	X	X	X			
MW-6	MW-6		1327		X			4	X	X	X	X			
MW-7	MW-7		1354		X			4	X	X	X	X			
MW-8	MW-8		1330		X			4	X	X	X	X			

Relinquished by: (Signature)

Received by: (Signature)

Date/Time 3/21/05/1630

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

S.T.A.T.

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: R. Johnson

Date/Time 3-22-05/9:00am

Method of Shipment: Cal overnight

Laboratory Name McCampbell Cal tech

Special Instructions: "NEED EDF"

I hereby authorize the performance of the above indicated work.

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 3/19/05 Page 2 of 2

03-213

Client: Reed Rinehart

Project Manager: ROB Marty

Phone Number: (209) 467-1006

Samplers: (Signature)

Project Name: Oakland Truck Stop

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Sample Type: Water Grab.	Sample Type: Air	Solid	No. of Conts.	TPH-G	BTEX	5 Fuel oxys	12 DCA + EDB	Notes
MW9/031905	MW9	3/19/05	1500		X			4	X	X	X	X	
MW10	MW10		1447		X			4	X	X	X	X	
MW11	MW 11		1534		X			4	X	X	X	X	
MW12	MW12		1216		X			4	X	X	X	X	
MW13	MW13		1509		X			4	X	X	X	X	
MW14	MW14		1248		X			4	X	X	X	X	

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Dispatched by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

STAT

Received for Laboratory by: R. Johnson

Date/Time: 3/21/05 1630

Date/Time

Date/Time: 3-22-05 9:00

Method of Shipment: Cal Overnight

Laboratory Name: ~~McCampbell~~ Cal Tech

Special Instructions: Need EDF

I hereby authorize the performance of the above indicated work.

APPENDIX D

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been succcessfully uploaded!

Confirmation Number: 6059105932
Date/Time of Submittal: 6/17/2005 10:57:42 AM
Facility Global ID: T0600102136
Facility Name: RINO PACIFIC OAKLAND TRUCKSTOP
Submittal Title: 1st Qtr 2005
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

RINO PACIFIC OAKLAND TRUCKSTOP
1107 5TH ST
OAKLAND, CA 94607

Regional Board - Case #: 01-2322
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 922
ALAMEDA COUNTY LOP - **(JTW)**

CONF #	TITLE	QUARTER
6059105932	1st Qtr 2005	Q1 2005
SUBMITTED BY	**SUBMIT DATE**	**STATUS**
Christopher Miller	6/17/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	13
# FIELD POINTS WITH DETECTIONS	8
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES XYLENES TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as AGE-STOCKTON (AUTH_RP)

CONTACT SITE ADMINISTRATOR.